

Release notes for ENDF/B Development dec-054_Xe_146
evaluation

ENDF
B-VII.dev

October 13, 2016

- fizcon Errors:

1. Energies released in decay not adding up!
MAT=1758, MF= 8, MT=457 (1): Bad energy sum

ERROR(S) FOUND IN MAT=1758, MF= 8, MT=457
 TOTAL ENERGY RELEASE SUMUP FAILURE
 WHOLE= 7.52902E+06 SUM= 4.15474E+06

2. Energies released in decay not adding up!
MAT=1758, MF= 8, MT=457 (2): Bad energy sum

ERROR(S) FOUND IN MAT=1758, MF= 8, MT=457
 GAMMA AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 1.38459E+06 SUM= 1.40440E+06

3. Energies released in decay not adding up!
MAT=1758, MF= 8, MT=457 (3): Bad energy sum

ERROR(S) FOUND IN MAT=1758, MF= 8, MT=457
 BETA MULTIPLICITY SUMUP FAILURE
 WHOLE= 1.00000E+00 SUM= 1.00018E+00

4. Energies released in decay not adding up!
MAT=1758, MF= 8, MT=457 (4): Bad energy sum

ERROR(S) FOUND IN MAT=1758, MF= 8, MT=457
 BETA AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 2.73286E+06 SUM= 2.73786E+06

5. Energies released in decay not adding up!
MAT=1758, MF= 8, MT=457 (5): Bad energy sum

ERROR(S) FOUND IN MAT=1758, MF= 8, MT=457
 NEUTRON AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 1.22804E+04 SUM= 1.24855E+04